INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/018826

A. CLASSIFIC Int.Cl ⁷	ATION OF SUBJECT MATTER D04H3/00, 1/42, 1/46, B61R21/	/16, 13/02		
According to Inte	ernational Patent Classification (IPC) or to both nationa	l classification and IPC		
B. FIELDS SE.				
Int.C1	tentation searched (classification system followed by cl D04H1/00-18/00, D01F8/00-8/18 B32B1/00-35/00	3, B60R21/16, 13/02,	7.110.000.000.000	
Jitsuyo Kokai Ji	tsuyo Shinan Koho 1971—2005 Ji	roku Jitsuyo Shinan Koho tsuyo Shinan Toroku Koho	1994-2005 1996-2005	
WPIL	ase consulted during the international search (name of o	data base and, where practicable, search te	rms used)	
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	<u> </u>	Relevant to claim No.	
X Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 131617/1989(Laid-open No. 70288/1991) (Toyobo Co., Ltd.), 15 July, 1991 (15.07.91), Claims; page 4, lines 13 to 16; examples (Family: none)		1,3,4,8-11, 13-17,23,25 2,5-7,12, 18-22,24,26	
Y	JP 11-99035 A (Toyobo Co., L 13 April, 1999 (13.04.99), Examples (Family: none)	td.),	2	
× Further do	cuments are listed in the continuation of Box C.	See patent family annex.		
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 15 March, 2005 (15.03.05)		Date of mailing of the international search report 05 April, 2005 (05.04.05)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer		
Facsimile No. Telephone No. Form PCT/ISA/210 (second sheet) (January 2004)				

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International application No.

		PCT/JP2004/018826		
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the releva	ant passages	Relevant to claim No.	
Ÿ	JP 10-226952 A (Toyobo Co., Ltd.), 25 August, 1998 (25.08.98) Claims; examples (Family: rone)		5	
Y	JP 57-167418 A (Kuraray Co., Ltd.), 15 October, 1982 (15.10.82), Examples (Family: none)		6	
Y	JP 5-179543 A (Toyobo Co., Ltd.), 20 July, 1993 (20.07.93), Examples (Family: none)	uly, 1993 (20.07.93), ples		
Y	JP 11-48417 A (Du Pont-Toray Co., Ltd.), 13 February, 1999 (13.02.99), Par. Nos. [0004], [0029]; examples (Family: none)	'ebruary, 1999 (13.02.99), Nos. [0004], [0029]; examples		
A	JP 2002-363849 A (Toyobo Co., Ltd.), 18 December, 2002 (18.12.02), Full text (Family: none)		1-26	